

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 17:26:13 ON 03 DEC 2001  
L1 19 S (PESTICIN(3A) IMMUNITY)  
L2 18 S L1 AND PESTIS  
L3 10 DUP REM L2 (8 DUPLICATES REMOVED)

L Number	Hits	Search Text	DB	Time stamp
1	3	pesticin	USPAT; US-PGPUB	2001/12/03 17:34
2	0	ppcpl	USPAT; US-PGPUB	2001/12/03 17:34
3	51	pestis same plasmid	USPAT; US-PGPUB	2001/12/03 17:34

12-03-01

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RESULT      6
ECPECO29/c
LOCUS       ECPECO29      3895 bp      DNA      circular      BCT      06-OCT-1997
DEFINITION  Escherichia coli plasmid pECO29 DNA, complete sequence.
ACCESSION   AJ001708
VERSION     AJ001708.1  GI:2660511
KEYWORDS    complete sequence; DNA methyltransferase; eco29kIM gene; eco29kIR
            gene; plasmid; restriction endonuclease.
SOURCE      Escherichia coli.
  ORGANISM  Plasmid Escherichia coli
            Bacteria; Proteobacteria; gamma subdivision; Enterobacteriaceae;
            Escherichia.
REFERENCE   1  (bases 1 to 3895)
  AUTHORS   Solonin,A.S.
  TITLE     Direct Submission
  JOURNAL   Submitted (06-OCT-1997) Solonin A.S., Molecular Biology, Institute
            of Biochemistry and Physiology of Microorganisms, IBPM RAS,
            Pushchino, Prospekt Nauki, 5, Moscow Region, 142292, RUSSIA
REFERENCE   2  (bases 1 to 3895)
  AUTHORS   Pertzev,A.V., Ruban,N.M., Zakharova,M.V., Beletzkaja,I.V.,
            Petrov,S.I., Kravetz,A.N. and Solonin,A.S.
  TITLE     Eco29kI, a novel plasmid encoded restriction endonuclease from
            Escherichia coli
  JOURNAL   Nucleic Acids Res. 20 (8), 1991 (1992)
  MEDLINE   92253423
FEATURES             Location/Qualifiers
     source           1. .3895
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GAGVYALYYTGHYSLYDEYSRINRLAYNLPYVGKAVPAGWRQSRISDHETRAGSELS
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BASE COUNT	1000 a	817 c	971 g	1107 t
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Qy	64	ctgacgagcatcacaaaaatcgacgctcaagtcagaggtggcgaaacccgacaggact-t	122
Db	2809	CTGACGAGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTAT	2750
Qy	123	aaagataaccaggcggtttccccccggaagctccctcgctgcgctctcctgtttccgaccctgc	182
Db	2749	AAAGATAACCAGGGGTTTCCCCCTGGAAGCTCCCTCGTGCCTCTCCTGTTCCGACCCTGC	2690
Qy	183	cgcttaccggatacctctccgccttttctcccttcgggaagcggtggcgcttttctcatagct	242
Db	2689	CGCTTACCGGATACCTCTCCGCCTTTCTCCCTTCGGAAGCGTGGCGCTTTCTCATAGCT	2630
Qy	243	cacgctggttggtatctcagttcgggtgtaggtcggttcgctccaagctgggctgtgtgcacg	302
Db	2629	CACGCTGTTGGTATCTCAGTTCGGTGTAGGTCGTTGCTCCAAGCTGGGCTGTGTGCACG	2570
Qy	303	aaccccccggttcagccccgacgactgcgccttatccggtaactatcgtcttgagtccaacc	362
Db	2569	AACCCCCCGTTGAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACC	2510
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$$\begin{array}{r} 2380 \\ + 44 \\ \hline 2424 \end{array}$$
$$\begin{array}{r} 2389 \\ 120 \\ \hline 2509 \end{array}$$
$$\begin{array}{r} 289 \\ 146 \\ \hline 2535 \end{array}$$
$$\begin{array}{r} 2389 \\ 323 \\ \hline 2712 \end{array}$$